Mountain Weather Forecast

North Grampian

Including North and West Cairngorms National Park, Monadhliath, Ben Alder, Creag Meagaidh, Loch Ericht and Loch Rannoch
Forecast valid from 06:00 on Wednesday 31 Jan 2024 until 23:59 on Thursday 01 Feb 2024

Forecast Issued on Wednesday 31 Jan 2024 at 03:00 by Met Office Aberdeen

Confidence: High confidence for the evolution until Saturday with wet and windy weather at times. Low confidence for the exact detail of rainfall or showers on Saturday and Sunday.

Headline for Wednesday 31 Jan 2024: Stormy. Heavy rain or summit snow clearing through the mid to late afternoon, followed by showers from the west.

Mountain weather hazards on Wednesday 31 Jan 2024

Blizzards
Low Likelihood

Heavy persistent snow
Low Likelihood

Storm force winds
High Likelihood

Gales
High Likelihood

Severe chill effect
High Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Fog	Sleet	Heavy snow	Heavy snow	Partly cloudy (night)	Heavy snow showers (night)
Precipitation probability					
20%	70%	90%	90%	30%	40%

Forecast for Wednesday 31 Jan 2024

Weather: Cloudy at first in the west, clearer in the east. Rain or summit snow arrives from the northwest through late morning, and spreads southeast through the day clearing mid to late afternoon. This is accompanied by storm force south to southwesterly summit winds, with gales down to low levels. Clearer conditions arrive late afternoon into early evening as winds turn westerly and begin to ease down, but a few snow showers feed in from the west.

Chance of cloud-free hill tops above 800m: 40% at first, falling to less than 10%, rising again to 70% later.

Low cloud and visibility: Patchy cloud below 600-700m at first with moderate visibilities, clearer in the east. Bases falling to 400-500m for a time with poor visibilities. Generally excellent visibilities later with cloud bases around 800m, but cloud bases and visibilities deteriorating rapidly in any snow showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Wednesday 31 Jan 2024

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1300	72/91 SW	82/105 SW	66/88 SW	47/62 W	52/68 W	46/62 W	45/60 W
900	80/94 SW	85/100 SW	71/89 SW	40/51 W	43/55 W	39/52 W	34/46 W
600	51/61 SW	55/69 SW	49/66 SW	28/39 W	30/41 W	28/40 W	24/36 W
300	22/49 SW	25/55 SW	26/57 SW	15/32 W	14/32 SW	14/33 W	11/28 W
Glen	8/43 SW	12/51 SW	10/46 SW	6/29 W	5/30 W	6/34 W	6/33 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1300	-4/-17	-1/-14	-2/-13	-6/-17	-7/-20	-7/-19	-6/-18
900	-0/-12	3/-7	2/-8	-2/-12	-3/-14	-3/-13	-3/-12
600	2/-7	4/-4	4/-3	1/-7	-1/-9	-1/-9	-0/-8
300	4/-2	5/-1	6/1	3/-2	1/-5	1/-4	1/-3
Glen	4/-0	5/-1	7/3	4/0	1/-2	2/-3	2/-2
Freezing Level*	800m	1800m	1300m	500m	300m	300m	400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Met Office Aberdeen Meteorologist's View

Gale force to storm force winds will mean making progress is difficult, tiring and hazardous over exposed ground. Heavy persistent rain or summit snow for a time will make for unpleasant conditions, reduced visibility and slippery surfaces. Cold temperatures combined with strong winds may cause severe wind chill.

Forecast for Thursday 01 Feb 2024

Weather: A few snow showers at first ease through the morning. Then a band of rain, preceded by summit snow, pushes east across the ranges through the afternoon as westerly winds strengthen to gale force.

Maximum wind: generally 35-45mph, gusts 45-55mph, but up to 65mph later, up to 75mph on the highest peaks.

Chance of cloud-free hill tops above 800m: 60% falling to less than 20%.

Low cloud and visibility: Scattered cloud bases at around summit level at first, falling in showers with very poor visibility. Extensive low cloud with poor visibility and bases 300-400m arriving later.

Temperature: **Glens:** Plus 3 Celsius rising to plus 6.
At 800m: Minus 2 Celsius rising to plus 2.
Freezing level: 600-800m rising above summits later.

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